



## Complete Summary

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### TITLE

Diagnosis of breast disease: percentage of class 4 or class 5 abnormal mammograms that are followed by a biopsy within 14 days.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis of breast disease. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Nov. 48 p. [91 references]

## Brief Abstract

### DESCRIPTION

This measure assesses the percentage of class 4 or class 5 abnormal mammograms that are followed by a biopsy within 14 days.

### RATIONALE

The priority aim addressed by this measure is to reduce the length of time between first knowledge of a breast abnormality and diagnostic resolution.

### PRIMARY CLINICAL COMPONENT

Breast disease; abnormal mammogram; biopsy

### DENOMINATOR DESCRIPTION

Total number of patients with an abnormal mammogram undergoing biopsy

### NUMERATOR DESCRIPTION

Total number of patients with less than 14 days between the first documentation of a mammogram abnormality and a completed biopsy for all records reviewed

## Evidence Supporting the Measure

### PRIMARY MEASURE DOMAIN

Process

### SECONDARY MEASURE DOMAIN

Not applicable

## EVIDENCE SUPPORTING THE MEASURE

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

## NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Diagnosis of breast disease.](#)

## Evidence Supporting Need for the Measure

### NEED FOR THE MEASURE

Unspecified

## State of Use of the Measure

### STATE OF USE

Current routine use

### CURRENT USE

Internal quality improvement

## Application of Measure in its Current Use

### CARE SETTING

Physician Group Practices/Clinics

### PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

### LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

### TARGET POPULATION AGE

Age less than or equal to 74 years

### TARGET POPULATION GENDER

Female (only)

## STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

### Characteristics of the Primary Clinical Component

#### INCIDENCE/PREVALENCE

Unspecified

#### ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

#### BURDEN OF ILLNESS

Unspecified

#### UTILIZATION

Unspecified

#### COSTS

Unspecified

### Institute of Medicine National Healthcare Quality Report Categories

#### IOM CARE NEED

Getting Better

#### IOM DOMAIN

Patient-centeredness  
Timeliness

### Data Collection for the Measure

#### CASE FINDING

Users of care only

#### DESCRIPTION OF CASE FINDING

Women through age 74 with biopsy for possible diagnosis of breast cancer

A list of all breast biopsies for mammogram abnormalities during the previous target period. The medical records can be reviewed to determine all palpable mass changes with abnormal mammogram.

Data may be collected semiannually.

#### DENOMINATOR SAMPLING FRAME

Patients associated with provider

#### DENOMINATOR (INDEX) EVENT

Diagnostic Evaluation

#### DENOMINATOR INCLUSIONS/EXCLUSIONS

##### Inclusions

Total number of patients with an abnormal mammogram undergoing biopsy

##### Exclusions

Unspecified

#### NUMERATOR INCLUSIONS/EXCLUSIONS

##### Inclusions

Total number of patients with less than 14 days between the first documentation of a mammogram abnormality and a completed biopsy for all records reviewed

##### Exclusions

Unspecified

#### DENOMINATOR TIME WINDOW

Time window is a single point in time

#### NUMERATOR TIME WINDOW

Episode of care

#### DATA SOURCE

Medical record

#### LEVEL OF DETERMINATION OF QUALITY

Individual Case

#### PRE-EXISTING INSTRUMENT USED

Unspecified

## Computation of the Measure

### SCORING

Rate

### INTERPRETATION OF SCORE

Better quality is associated with a higher score

### ALLOWANCE FOR PATIENT FACTORS

Unspecified

### STANDARD OF COMPARISON

Internal time comparison

## Evaluation of Measure Properties

### EXTENT OF MEASURE TESTING

Unspecified

## Identifying Information

### ORIGINAL TITLE

Percentage of class 4 or class 5 abnormal mammograms that are followed by a biopsy within 14 days.

### MEASURE COLLECTION

[Diagnosis of Breast Disease Measures](#)

### DEVELOPER

Institute for Clinical Systems Improvement

### ADAPTATION

Measure was not adapted from another source.

### RELEASE DATE

2003 Nov

### MEASURE STATUS

This is the current release of the measure.

#### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis of breast disease. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Nov. 48 p. [91 references]

#### MEASURE AVAILABILITY

The individual measure, "Percentage of class 4 or class 5 abnormal mammograms that are followed by a biopsy within 14 days," is published in "Health Care Guideline: Diagnosis of Breast Disease." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: [www.icsi.org](http://www.icsi.org); e-mail: [icsi.info@icsi.org](mailto:icsi.info@icsi.org).

#### NQMC STATUS

This NQMC summary was completed by ECRI on May 26, 2004.

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